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PATENT
Customer No. 22,852
Attorney Docket No. 7707.0021-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Alan H. ANDERSON et al.) Group Art Unit: 1733
)
Application No.: 10/086,685) Examiner: Justin R. Fischer
)
Filed: March 4, 2002)
)
For: FILAMENT WINDING)
APPARATUS AND METHODS OF)
WINDING FILAMENT)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

04/24/2006 JADD01 00000045 10006685
01 FC:1806 180.00 OP

Sir:

FOURTH SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), applicants bring to the attention of the Examiner the attached certified English translation of Japanese Patent Application No. 5-50515 ("Nakagawa"). Nakagawa was cited for the first time by the Examiner in the Office Action dated December 9, 2005. An English language abstract of Nakagawa was provided by the Examiner, but a translation was not provided. Applicants are providing the attached certified translation as a supplement to their April 10, 2006 Response to that Office Action to further assist the Examiner in his review of that response.

This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R.

§ 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

A copy of the translation is attached.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies this document as prior art against any claims in the application and applicants determine that the cited document does not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

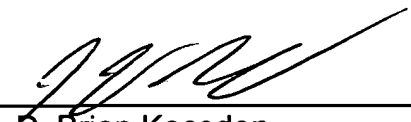
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: April 21, 2006

By: _____


D. Brian Kacedon
Reg. No. 46,814

APR 21 2006

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

1

Application Number

10/086,685

Filing Date

March 4, 2002

First Named Inventor

Alan H. Anderson et al.

Art Unit

1733

Examiner Name

Justin R. Fischer

Attorney Docket Number

7707.0021-00

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
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Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		English Translation of JP 5-50515	03-1993	Japan	Nakagawa, H.	Yes

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶

Examiner
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.